## Rectroreflective sheet

Publication number: CN1238044

Publication date:

1999-12-08

Inventor:

YUTAKA MORI (US)

Applicant:

MINNESOTA MINING & MFG (US)

Cinseffication: - International:

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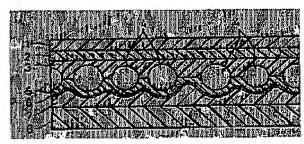
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Abstract not available for CN1238044 Abstract of corresponding document: WO9822837

To provide a retroreflective sheet which is suitable for comolding by injection molding or the like, wherein the retroreflective sheet can be laid within a mold and molded with a resin to form a molded product, and, after molding, the sheet retains a significant portion of its reflection luminance and appearance as compared with the reflection luminance value before molding. A retroreflective sheet used for a comolding, comprising a metallic reflective layer, a microspherical lens layer disposed as a single layer, and a transparent focal resin layer disposed between the reflective layer and the microspherical lens layer, in which the focal resin layer comprises a mixture of cellulose ester and sphuling bridges. polyvinyl butyral resin.



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Family list 12 family members for: CN1236044 Derived from 10 applications

##Becif

RECTROREFLECTIVE SHEET

Inventor: MORI YUTAKA (JP)

EC: G0285/128

Publication info: CA2271486 A1 - 1998-05-28

Rectroreflective sheet

Inventor: YUTAKA MORI (US)

EC: G0285/128

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RECTROREFLECTIVE SHEET

Inventor: MORI YUTAKA (US)

EC: G02B5/128

Publication info: DE69716631D D1 - 2002-11-28

RECTROREFLECTIVE SHEET

Inventor: MORL YUTAKA (US)

EC: GD285/128

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RECTROREFLECTIVE SHEET

Inventor: MORI YUTAKA (US)

EC: G0289/128

Publication Info: EP0939913 A1 - 1999-09-08

**EP0939913 B1** - 2002-10-23

RETROREFLECTION SHEET

Inventor: MORI HIROSHI

EC: G02B5/128

Publication info: JP10153701 A - 1998-06-09

RECTROREFLECTIVE SHEET

Inventor: MORI YUTAKA (KR)

EC: G0285/128

Publication info: KR20000053351 A - 2000-08-25

Retroreflective sheet

**Inventor:** MORI YUTAKA (JP)

EC: G0285/128

Publication Info: US6221496 B1 - 2001-04-24

Retroreflective sheet

Inventor: MORI YUTAKA (JP)

EC: G0285/128

Publication info: U\$6461718 B2 - 2002-10-08 US2001023009 A1 - 2001-09-20

RECTROREFLECTIVE SHEET

Inventor: NORI YUTAKA

EC: G02B5/128

Publication info: W09822837 A1 - 1998-05-28

Applicant: MINNESOTA MINING & MFG (US)

IPC: 83287/02; 60285/128; 83287/02 (+2)

Applicant: MINHESOTA MINING & MFG (US)

IPC: 83287/02; G0285/128; B3287/02 (+2)

Applicant: MINNESOTA MINING & MFG (US)

IPC: 83287/02; G0285/120; B32B7/02 (+2)

Applicant: MINNESOTA MINING & MFG (US)

IPC: 83287/02; G0285/128; B3287/02 (+2)

Applicant: MINNESOTA MINING & MFG (US)

IPC: 63287/02; G0285/128; B3287/02 (+2)

Applicant: MINNESOTA MINING & HFG

IPC: 83287/02; G0285/128; B32B7/02 (+3)

Applicant: MINNESOTA MINING & MFG

IPC: 83287/02; G0285/128; B3287/02 (+2)

Applicant: 3M INNOVATIVE PROPERTIES CO (US) IPC: 88287/02; 60286/128; B3287/02 (+5)

Applicant:

IPC: G0285/128; G0283/12; (IPC1-7): 832815/08 (+2)

Applicant: MINNESOTA MINING & MFG (US)

IPC: 83287/02; G0285/128; B3287/02 (+2)

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